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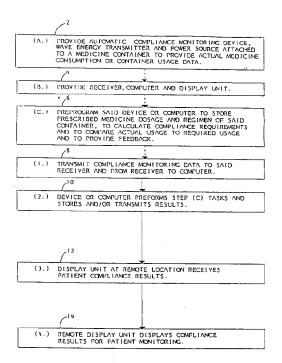
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- Patient compliance monitoring method and system.

(57) The present invention is directed to a method of monitoring a patient's medicine compliance. It involves utilizing an automatic compliance monitoring device which tracks patient compliance data, along with a wave energy transmitter and power source, all connected to a medicine container. A receiver is connected to a computer with a display unit. The compliance monitoring device or the computer is programmed to calculate compliance requirements of the container e.g. by number of cap openings, by dispensing count or by weight information obtained by the automatic compliance monitoring device, for each dosage administration for the prescription period. The wave energy transmitter on the medicine container continuously, periodically, or randomly transmits raw or calculated data to the receiver and from there to the computer to compare actual usage with compliance required, to determine compliance results on the display unit to permit compliance monitoring on a monitor at a remote location. Optionally, other patient characteristics are also monitored and feedback is provided. The present invention includes both the method and the system of interconnected devices to practice the method as well as a single component which includes in combination, the medicine container, compliance device, transmitter and power source. Feedback may be to any professional or any remote location, and a single medicine or a plurality of medicines may be monitored.



Application Number

## EUROPEAN SEARCH REPORT

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indi of relevant passa		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)	
х	EP-A-0 370 599 (APRE) May 1990 * column 2, line 52 * * column 7, line 30 *	- column 3, line 55 *	1-14	G06F15/42	
X	US-A-5 014 875 (C.F.MCLAUGHLIN ET AL) 14 May 1991 Column 2, line 15 - column 3, line 20 * EP-A-0 301 672 (APREX CORPORATION, US) 1 February 1989 Column 3, line 55 - column 6, line 45 *		1-14		
A			1-14		
P,A	US-A-5 047 948 (J.D. 1991 * column 3, line 35	TURNER) 10 September - column 5, line 32 *	1-14		
A	IS-A-4 617 557 (R.E.GORDON) 14 October 986 the whole document *		1-14	TECHNICAL FIELDS	
A	US-A-4 869 392 (T.S. September 1989 * column 2, line 5 -	MOULDING JR. ET AL) 26	1-14	SEARCHED (Int.Cl.5) G06F A61J A61G	
A	US-A-4 725 997 (J.URQUHART ET AL) 16 February 1988 * the whole document * 		1-14		
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	The present search report has bee	n drawn up for all claims			
	Place of search	Date of completion of the search		Examiner	
THE HAGUE  CATEGORY OF CITED DOCUMENTS  X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background		TS T: theory or princip E: earlier patent do after the filing d er D: document cited i L: document cited f	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons		
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